



**Daily Drilling and Scientific Report for IODP Expedition 386  
Japan Trench Paleoseismology, 2021**



**18th April 00:00 – 19<sup>th</sup> April 24:00 JST Japan Standard Time (UTC+9)**

**1. Location**

Position 35° 48.96' N, 140° 50.90' E  
IODP-MSP borehole N/A  
Prospectus borehole N/A  
Water Depth: N/A

**2. Operations Report**

WOW was released and the ship moved to Site JTPS-01A/02A at 1300 hrs while monitoring the surface current speed. Soon after arrival at the site MBES/SBP survey commenced on 7 survey lines running perpendicular to the trench. Meanwhile, the science party and crews joined a general safety meeting: reviewing safety observation cards and confirming restricted deck area during GPC operations from deployment to recovery. Familiarisation with the IW/BW sampling and splitting plan is now complete, and labeling on sample vials has also been completed.

**3. Science Report**

N/A

**4. Core Recovery Details**

<b>Hole</b>	N/A
<b>Cores recovered</b>	N/A
<b>Drilled length (Coring, m)</b>	N/A
<b>Drilled length (Open hole, m)</b>	N/A
<b>Recovered length (m)</b>	N/A
<b>Recovery (%)</b>	N/A
<b>Depth at midnight (mbsf)</b>	N/A

**5. Time Breakdown**

00:00 Continue WOW at off Choshi port  
06:15 General safety meeting  
13:00 Move to Site JTPS-01A  
13:15 General safety meeting, confirm working areas and paths of GPC cutting operation  
14:00 Labeling on vials  
19:30 Arrive at Site JTPS-01A, check Kuroshio current status, and setup MBES/SBP  
19:45 MBES/SBP on 7 survey lines  
#4(NW-SE): From Lat: 36°08.0971' N, Long: 142°44.9853' E to Lat: 36°06.4492' N, Long: 142°47.7731' E  
#5(NW-SE): From Lat: 36°05.4180' N, Long: 142°47.4160' E to Lat: 36°06.9688' N, Long: 142°44.6595' E  
#6(NW-SE): From Lat: 36°06.2781' N, Long: 142°43.5312' E to Lat: 36°04.4920' N, Long: 142°46.6871' E  
#7(NW-SE): From Lat: 36°04.0314' N, Long: 142°45.6935' E to Lat: 36°05.9335' N, Long: 142°41.9767' E

**6. Hours (inc. cumulative total) – no contractual implications can be made from these figures**

<b>In port</b>	10.0
<b>Transiting</b>	22.65
<b>Operating</b>	12.0
<b>Technical downtime</b>	0.0
<b>Weather downtime</b>	113.15
<b>Other downtime (specify)</b>	0.0

**7. Weather**

Fine but cloudy with temperature of ~15 degC. Westerly winds of >10 m/s in the morning, decreasing to <5 m/s, from the southeast in the afternoon. The surface current at Site JTPS-01 showed ~2 knot at night.

**8. Planned Activity for the next 24 hours**

Continue MBES/SBP. Conduct 20 m GPC at Site JTPS-01A

## 9. Health and Safety and Environmental

General safety meeting

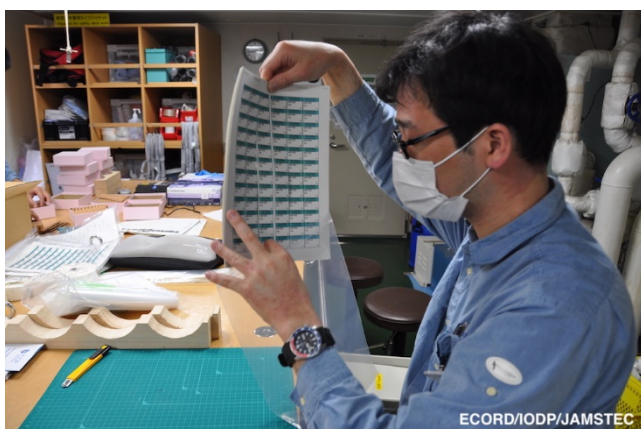
## 10. Photo of the day



1) Science party checking work spaces and paths of GPC cutting on A-deck (photo by NOKutsu@ECORD/IODP/JAMSTEC)



2) Curatorial staff making labels for IW/BW vials (photo by LMaeda@ECORD/IODP/JAMSTEC)



3) Lab technician cutting and sorting the labels (photo by LMaeda@ECORD/IODP/JAMSTEC)



4) All hands of science team put the labels on each vial (photo by LMaeda@ECORD/IODP/JAMSTEC)



5) Labeled vials (photo by LMaeda@ECORD/IODP/JAMSTEC)



6) Lena Maeda adding preservation chemical into IW vial (photo by NOKutsu@ECORD/IODP/JAMSTEC)